

ABSTRACT

The present invention relates to a method for recording a bar code, which consists of a plurality of parallel lines of varying thickness. The method comprises

5 the steps of

a) capturing, by means of a reading device, a sequence of two-dimensional images of at least portions of the bar code during moving of the reading device across the same;

10 b) detecting the edges of the bar code in at least a subset of the images;

c) determining, for the edges of at least a subset of the detected images, possible displacements in relation to the edges of a preceding image;

15 d) determining the most probable sequence of displacements for the sequence of images; and

e) reconstructing the bar code by means of said sequence of images and said most probable sequence of displacements.

20 This method allows reliable detection of bar codes of arbitrary length and production of a bar code reader at a low cost.

Elected for publication: Figs 8a, 8b